CLIMA HEATING SERVICES

**Clima Heating Services Ltd**

# Non-Domestic Gas Testing and Purging

Cert. No. 98

## Company / Installer

| | |
|---|---|
| Engineer | [redacted] |
| Company | Clima Heating Services Ltd |
| Address | 14 |
| | Flockton Crescent |
| | Sheffield |
| | South Yorkshire |
| Post Code | S13 9QR |
| Tel No. | [redacted] |
| Gas Safe Reg No. | [redacted] |
| ID Card No. | |

## Job Address

| | |
|---|---|
| Name | UoS Accommodation Village |
| Address | Lawrencefield A-G |
| | Endcliffe Avenue |
| | Sheffield |
| | South Yorkshire |
| Post Code | S10 3EA |
| Tel. No | |

## Client / LandLord

| | |
|---|---|
| Name | [redacted] |
| Company | Engie |
| Address | 14 |
| | Endcliffe Avenue |
| | Sheffield |
| | South Yorkshire |
| Post Code | S10 3EA |
| Tel. No | 01142 224948 |

## Strength Test Details

State Test Method Pneumatic [ ] Hydrostatic [ ]

Installation New [ ] New Extension [ ] Existing [ ]

Have Components not suitable for strength testing been removed or isolated from installation as necessary? Yes [ ] No [ ]

Calculated strength test pressure (STP) [ ] mbar

Test medium - air, nitrogen,water (hydrostatic test) [ ]

Stablisation period [ ] minutes

Strength test duration (STD) [ ] minutes

Permitted pressure drop [ ] (% STP)

Calculated pressure drop [ ] mbar

**Findings**

Actual pressure drop [ ] mbar

STRENGTH TEST Pass [ ] Fail [ ]

## Tightness Test Details

Gas Type Natural Gas [X] Liquefied Petroleum Gas [ ]

Installation New [ ] New Extension [ ] Existing [X]

Could weather or changes in temperature effect the test? Yes [ ] No [X]

Meter Type Diaphragm Meter Model U40

Meter bypass installed Yes [ ] No [X]

Installation Volume : Gas Meter 0.067 m3 Installation pipework and fittings 0.70 m3 Total IV 0.76 m3

Test medium Fuel [X] Gas [ ] Air [ ]

Tightness test pressure (TTP) 21.0 mbar

Pressure gauge type(water,high SG,electronic etc.) Electronic

MPLR(Maximun Permitted Leak Rate) m3/h (IGE/UP/1) or MAPD(Maximum Allowable Pressure Drop) mbar (IGE/UP/1A) 4.2

Let-by test period existing installations 2 minutes

Stablisation period 6 minutes

Tightness test duration (TTD) 6 minutes

Any inadequately ventilated areas to check? Yes [ ] No [X]

Is barometric pressure correction necessary? Yes [ ] No [X]

**Findings**

Actual leak rate NA m3/hr Actual pressure drop(if any) 0.0 mbar

Have inadequately ventilated areas been checked? Yes [ ] No [ ]

TIGHTNESS TEST Pass [X] Fail [ ]

## Purging Procedure Details

Has a risk assessment been carried out? Yes [ ] No [ ]

Has a written procedure for the purge been prepared? Yes [ ] No [ ] NA [ ]

Have 'NO SMOKING' signs etc been displayed as necessary? [ ]

Have any persons in the vicinity of the purge been advised accordingly? [ ]

Have all appropriate valves to and from the section of pipe been labeled? [ ]

Where Nitrogen gas is being used for an indirect purge have the gas cylinders been checked/verified for the correct content? [ ]

Are two way radios (intrinsically safe) available? Yes [ ] No [ ]

Have all electrical bands been fitted as necessary? [ ]

Calculate purge Volume

Gas Meter [ ] m3

Installation pipework and fittings [ ] m3

Total purge volume [ ] m3

Is gas detector/oxygen measuring device as appropriate, intrinsically safe? [ ]

**Findings**

Complete purge noting final test criteria readings [ ] O2%

PURGE Pass [ ] Fail [ ]

## Indicate Work Undertaken

Strength Test [ ] Tightness Test [X] Purge [ ]

## Declaration

DECLARATION OF GAS SAFETY - I confirm that all of the work described on this form has been satisfactory completed in accordance with the current Gas Safety (Installation and Use) Regulations, industry standards and procedures. [X]

OR

NOTIFICATION OF UNSAFE GAS INSTALLATION - I confirm that all of the work described on this form has been satisfactory completed in accordance with the current Gas Safety (Installation and Use) Regulations, industry standards and procedures. However, an unsafe gas installation has been identified, details of which are listed on a separate Warning/Advice Notice. [ ]

## Engineer Comments

Installation Tightness Test of all external pipe work from Primary Meter ECV to each Plant Rooms Secondary Meter AECV

## Signatures

Issued by: Signed [redacted]

Print Name: [redacted]

Received by: Signed

Print Name: [redacted]

Date 14-Feb-2022